

Turning off the Tevatron for access.

- 1) At 150 GeV or lower, Front or Back Porch, dump the ramp by pressing the “Dump” button to the right of Console 7, the middle of the 3 buttons.
- 2) Open the VCB’s via page T21 Index 4. On line “-98”, “VCB OFF (GLOBAL)” click on ‘(GLOBAL)’ and take the ‘caution’. The row should have “2” or “3” displayed in each column to show that the VCB opened.
- 3) Remember; don’t open the Low Beta VCB’s until they have been bypassed.
- 4) Turn off the power supplies.
 - a. Correctors via I15 -> “Tev Global (all) correctors”.
 - b. Feeddowns via S53 under “COLLIDER” or D19 -> Collider -> Feeddown.
 - c. Tev Collider Quad Circuits via I15 -> Tev Collider Quad Circuits
 - d. Tev Collimator Phase Bump Quads via I15 -> Tev Collimator Phase Bump Quads.
 - e. Low Beta Trims, via S53 -> Collider -> Collider or D19 -> Collider -> Collider.
 - f. The Octupoles, T:O1, T:O2, T:OD, T:OF, can be turned off by either I15 -> TeV HOPS GLOBAL or D19 -> TEV -> Tev Hops Collider.
 - g. RAW Bulk Power Supplies via D19 -> Tev Corr Bulk Supply or I15 -> Tev Bulk PS.
 - h. Separators via I15 -> Tev Separators or D19 -> Collider -> Separator.
 - i. TeV Hops Collider via I15 -> Tev HOPS Collider or D19 -> TEV -> Tev HOPS Collider.
 - j. Bartelons, *Q0, *Q7, *Q9, via S53 -> Collider -> Collider or D19 -> Collider -> Collider or T21 subpage 9.
 - k. If going into F-Sector you will need to turn off the P1, P2, P3 and AP1 lines. From the MI Sequencer I48, run the aggregate “Turn off P1/P2 for F0 Access” to turn off the P1 & P2 line supplies, then rack out MOS89. To turn off the P3 line turn off S:HP3US, S:HP3DS and S:QP3. They can be turned off from a Parameter Page. Before turning off the AP1 line, you should disable D:AP0CD2.
 - l. If going into the Transfer Hall you will to turn off and lock out S:HP3DS and S:QP3. They can be turned off from a Parameter Page.
- 5) On D59 bypass “!ACCESS!” to bypass the alarms for the Tevatron during the access.
- 6) Hipot the Tevatron.
- 7) Verify the low betas are off before racking out Feeder 23, if not, turn off using the Low Beta Turn Off procedure.
- 8) Switch OFF Feeder 23.
- 9) Fill out the proper “A-E”, “Transfer Hall” or “F-Sector” forms. Scan them in and hang them up.
- 10) Ready for Access.